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Extract from

Supplementary Feed Crops for 1935

GEO. M. BRIGGS

by courtesy of

Extension Service of the College of Agriculture, The University of Wisconsin, Madison

Sudan Grass Makes Heavy Yields

This dual purpose pasture and hay plant is meeting with more and more favor in our state. Sudan grass does best on loam soils but will make profitable pastures on most fertilized soils if sufficient moisture is available. Because it can be seeded over a long period it fits well where other crops have failed and crops have been cut early for hay or pastured off. Its roots and leaves grow thick and fast, thereby making it an excellent crop to follow up on quack grass fields where partial summer fallowing has been practiced.

As the plant is sensitive to soil and weather conditions, too early planting often gives disappointing yields. While good crops of sudan are raised when seeded at corn planting time, it is usually best to wait a week or two weeks later, when the seed will germinate better and grow much faster and more satisfactorily. In any event, the soil should be warmed up before seeding.

Dry Hay Thoroughly Before Using

Sudan grass often could be cut two times to advantage, rather than to let heads get too mature, the lower portion of stems turn brown, and leaves get dry and drop off. By making two cuttings a larger yield of more palatable hay will be harvested. It is advisable to avoid any danger from prussic acid poisoning by feeding the hay only after it is well cured.

Use 25 to 30 pounds of good germinating seed per acre unless seed is of lower germination when more would be desirable. The seed bed should be well prepared by breaking up lumps and by having it well firmed. If soil and weather are good, harrow in the seed, otherwise drill in from one-half to one inch deep which will help insure a catch if the soil at the surface is dry.

Sorghum, ordinarily known as cane, is often used as fodder. It produces a fodder medium in value, quite comparable to corn fodder but is exceptionally palatable and readily eaten by farm animals. It can be seeded broadcast 60 to 75 pounds to the acre or in rows requiring 8 to 12 pounds to the acre, using the heavier rate on best soils and dropping seeds from 2 to 6 inches apart. Plant about corn planting time but for fodder, plantings may be made up to the middle of June.

Use a medium early variety, usually as is planted for sor-

ghum, or any of the amber strains. Cure in small shocks and feed when thoroughly cured.

Millet Fits Into Crop Plan

Millet also fits into the crop plan both in point of time of seeding and value in weed control. The soil should be well warmed up before seeding, in that weeds often times bother considerably in early seeded millet. For best quality of hay it is well to cut when the seed is in dough stage. The Japanese variety yields the heaviest on low rich soils and is not as well adapted to dry areas or upland soils as the other types. The foxtail types like common, German, Hungarian, and Siberian all make desirable quality of hay if cut at the proper time. The German is latest of the foxtail types, producing the largest yields, but with somewhat coarser stems than the other varieties. For late seedings, the earlier types will produce the finest quality hay. From 25 to 30 pounds of seed per acre are needed to make best quality hay on heavier soils. Broom corn types of millet as the hog millets, called Proso, are usually used in producing seed but if cut while seed is in dough stage a fair quality of hay results.

Nurse Crops Used as Hay

To play safe, most of the legumes are seeded with some grain crop seeded at one-half the usual rate. It is not uncommon to cut this nurse crop as hay in early July to preserve moisture and prevent smothering of the young seeding. On level lands where there is little soil washing or few weeds, an early seeding of alfalfa or sweet clover by itself or with a light nurse crop would give a real legume hay which could be cut this first year but not later than August 15.

On flat or heavy clay soils with poor drainage, sweet clover often abounds where there is enough lime. By cutting the new sweet clover either with or without a nurse crop, a fine crop of hay is obtained the first year, with little or no injury to the second year crop if a good growth is allowed to develop during the fall.

It is sound practice to disc up spots where alfalfa has winter-killed or did not catch well and seed to a grain crop with regular amounts of alfalfa seed. Cut all for hay when the rest of the field is cut or leave until grain is well headed in larger areas.

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CLOVERS	ALFALFAS	TIMOTHY	LAWN SEED	SEED GRAINS	BIRD SEED
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KANSAS GROWN Ace.....11.70 19.50 PINE TREE.....12.00 20.00 NORTHWESTERN GROWN Ace.....15.30 25.50 PINE TREE.....15.60 26.00 IDAHO GROWN Ace.....15.60 26.00 PINE TREE.....15.90 26.50 MONTANA GROWN Ace.....16.20 27.00 PINE TREE.....16.80 28.00 SOUTH DAKOTA No. 12 Ace.....16.80 28.00 PINE TREE.....17.40 29.00 COSSACK PINE TREE Neb. Affidavit.....16.50 27.50 PINE TREE Idaho Affidavit.....17.10 28.50 PINE TREE Blue Tag.....19.50 32.50 GRIMM Per Bu. Per 100 lbs. PINE TREE Mich. Grown.....17.10 28.50 PINE TREE Intermountain.....17.10 28.50 PINE TREE Idaho Grown Growers Affidavit..... PINE TREE Blue Tag.....18.90 31.50 Idaho Red Tag.....18.30 30.50 Blackfoot, Blue Tag.....19.50 32.50 Blackfoot Red Tag.....18.90 31.50 Field Inspected, Certified and Sealed by State Authorities	TIMOTHY AND ALSIKE MIXED Containing about 15% Alsike Containing about 20% Alsike GRASSES RED TOP (Carload prices on application) SOLID OR FANCY SEED Ace (No. 1 Fancy).....90 to 92% 12.00 PINE TREE (Extra).....95% 13.00 UNHULLED 30%..... 40%..... 50%.....7.50 KENTUCKY BLUE (14 lbs. per bu.) Per Bu. Per 100 lbs. FANCY SEED Standard 19 lb.....\$2.94 \$21.00 Standard 21 lb.....3.08 22.00 Ace (Refined).....3.08 22.00 PINE TREE (Refined).....3.15 22.50 Globe (Superfine).....3.64 26.00 CANADA BLUE PINE TREE..... ORCHARD GRASS (14 lbs. per bu.) Per Bu. Per 100 lbs. Ace (Choice)..... PINE TREE (Selected).....2.17 15.50 RYE GRASSES (24 lbs. per bu.) Per Bu. Per 100 lbs. Pacey's..... Perennial PINE TREE..... Italian PINE TREE..... United States Grown.....1.14 6.00 IMPORTED AND FANCY GRASSES Per 100 lbs. New Zealand Chewings Fescue.....60.00 Sheep's Fescue..... Hard Fescue..... South German mixed Bent..... Seaside Bent.....110.00 Astoria Bent.....105.00 Crested Dogstail..... New Zealand Brown Top..... Wood Meadow Grass..... Rough Stalked Meadow (Poa Trivialis).....35.00 Poa Annua..... Meadow Fescue..... Reed Canary Grass.....80.00 Brome Grass.....29.00	GLOBE BRAND Extra Heavy superfine. In cartons and 5 lb. bags.....\$26.50 In bulk.....25.00 DICKINSON CLUB GREEN. Our special blend of selected imported and native grasses. In cartons and 5 lb. bags.....24.50 In bulk.....22.00 ACE BRAND. A blend of quick growing native grasses. (Contains White Clover.) In bulk.....18.50 EVERGREEN. Good standard quality, satisfactory for general purposes. (Contains White Clover.) In cartons and 5 lb. bags.....21.50 In bulk.....20.00 SHADY SPOT. Adapted to shaded places and moist soils. In cartons and 5 lb. bags.....26.50 In bulk.....25.00 PACKING Globe, Dickinson Club Green, Evergreen and Shady Spot are put up in: 1 lb. Litho cartons, 50 to a case. 5 lb. Cotton bags, 10 to a bale. 5 lb. Cotton bags, 20 to a bale. 100 lb. burlap bags. Ace Brand in 50 and 100 lb. bags only PASTURE MIXTURES Upland.....17.50 Lowland.....16.50 SEED CORN ENSILAGE CORN Per Bu. Leaming.....\$1.25 Pride.....1.25 Red Cob.....1.60 NEBRASKA GROWN SEED CORN Pride of the North.....1.75 Golden Glow Wis. No. 12.....1.75 Reid's Yellow Dent.....1.75 Minnesota No. 13.....1.75 Improved Leaming.....1.75 FLINT CORN Longfellow.....2.50 SEED CORN SPECIALS We can offer the following varieties of Central Illinois and Indiana grown Seed Corn, of known origin, butted and tipped, carefully milled and cleaned, packed in 2-bushel new burlap sacks, burlaps free: Reid's Yellow Dent-Indiana Type \$3 00 Reid's Yellow Dent-Illinois Improved Type 2 90 Reid's Yellow Dent-Utility Type.....2.90 Leaming Corn.....3.00 Western Plowman.....3.00	SEED GRAINS Per Bu. 4-Row Barley.....\$1.50 2-Row Barley..... White Hullless Barley..... Velvet Barley..... Wisconsin No. 38 Six Row.....1.60 Recleaned Heavy Dom. Oats......70 Silver Mine Oats......75 Swedish Type Seed Oats..... Spring Rye.....1.55 Marquis Type Spring Wheat.....1.65 Per 100 lbs. Speltz..... SUNDRY SEEDS Per 100 lbs. SUNFLOWER PINE TREE, Domestic.....\$4.50 GLOBE, Large Fancy.....7.00 DWARF ESSEX RAPE PINE TREE Imp.....4.25 SUDAN GRASS PINE TREE.....12.25 BUCKWHEAT Japanese.....2.25 HAIRY OR WINTER VETCH PINE TREE.....14.00 CANE Amber Cane..... Fodder Cane.....5.25 FLAX Whole Flax in bulk.....5.00 Ground Flax in bulk.....5.25 In bales of 20 5 lb. packages, add \$1.50 per 100 lbs. to above prices. PEAS White Field, Prime..... White Field, PINE TREE.....3.25 FOR COOKING Globe White..... Globe Scotch..... Globe Marrowfat..... MILLETS Per 100 lbs. Tenn. German..... Imported German Type.....5.25 Japanese.....6.00 Hungarian.....6.00 SOY BEANS Per Bu. Sacks Included PINE TREE, Mini.....1.60 PINE TREE, Manchou.....1.65 PINE TREE Hollybrook.....1.65 PINE TREE, Wilson Black.....1.80 PINE TREE Virginia Brown.....1.90	Quotations below are based on 1 to 4 bags. On orders for 5 to 9 bags, deduct 10c per 100 lbs.; 10 bags or over, deduct 25c per 100 lbs. Applies on straight or mixed orders. Per 100 lbs. Canary, Argentine Recleaned.....\$5.25 Canary, Turkish Recleaned.....6.50 Canary, Turkish Globe.....6.75 Flour, Recleaned.....3.25 Red Millet, Recleaned.....4.50 Yellow Millet, Recleaned.....4.50 Sunflower, Recleaned.....4.50 Bird Rape, Large, Recleaned.....4.50 Bird Rape, Small, Recleaned.....5.50 Bird Rape, Fancy Black..... GLOBE MIXED BIRD SEED. Fancy selected, thoroughly recleaned blend for canaries and other small birds. Packed 24 ten-ounce cartons to case. Each carton contains bird biscuit. Per Case In 10 case lots, freight paid.....\$2.00 Cotton Grain Bags Per bale of 100: Royal River..... Bomis.....32.00
ORDER CARD [REQUIRES NO POSTAGE] Gentlemen: You may ship on or about _____ Date _____ Via _____ No. Bags Quality KIND OF SEED NAME ADDRESS					

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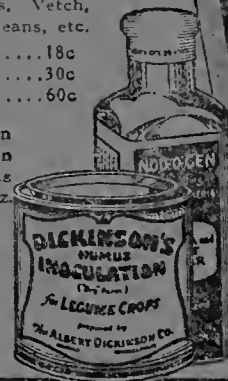
For small seeds, such as Alfalfa, Sweet Clover, Red Clover Mammoth Clover, Alsike, etc.

1 1/2 bu. size.....18c
1 bu. size.....30c
2 1/2 bu. size.....60c

For large seeds, such as Soybeans, Cowpeas, Vetch, Field Peas, Field Beans, etc.

1 bu. size.....18c
2 bu. size.....30c
5 bu. size.....60c

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A Low Cost Dust Disinfectant for
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Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
1-lb. tin	\$.75	\$ 6.00 per doz.	1 doz.
5-lb. "	3.00	25.00 " "	1/2 "

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5-lb. "	3.00	25.00 " "	1/2 "
25-lb. pail	12.50	10.00 per pkg.	1 only
100-lb. drum	49.00	39.20 " "	1 "
300-lb. "	144.00	115.20 " "	1 "

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A Dust Disinfectant for Seed Corn.

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1-lb. "	1.50	12.00 " "	2 "
5-lb. "	7.00	56.00 " "	1/2 "
25-lb. pail	28.75	23.00 per pkg.	1 only
100-lb. drum	110.00	88.00 " "	1 "

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A Dip Disinfectant for Seed Potatoes.

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4-oz. tin	\$.50	\$ 4.00 per doz.	3 doz.
1-lb. "	1.75	14.00 " "	1 "
5-lb. "	8.00	64.00 " "	1/2 "
25-lb. pail	31.25	25.00 per pkg.	1 only
100-lb. drum	120.00	96.00 " "	1 "
300-lb. "	345.00	276.00 " "	1 "

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Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
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5-lb. "	11.75	94.00 " "	1/2 "
25-lb. pail	46.25	37.00 per pkg.	1 only
100-lb. drum	180.00	144.00 " "	1 "
300-lb. "	525.00	420.00 " "	1 "

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A Grass Disinfectant for Brown-Patch
Prevention and Control.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
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1-lb. "	1.75	14.00 " "	1 "
5-lb. "	8.00	64.00 " "	1/2 "
25-lb. pail	30.00	24.00 per pkg.	1 only
100-lb. drum	115.00	92.00 " "	1 "
300-lb. "	330.00	264.00 " "	1 "

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	Our Selling Price	Suggested Retail Price
1 to 4 bales.....	\$3.00 per bale	} \$4.00 per bale
5 to 9 ".....	2.90 " "	
10 to 24 ".....	2.75 " "	
25 bales and over.....	2.50 " "	

Sorbex (Fine Ground Peat Moss)

70 to 75# to bag

	Our Selling Price	Suggested Retail Price
1 to 4 bags.....	\$2.25 per bag	} 3.25 per bag
5 to 9 ".....	2.15 " "	
10 to 24 ".....	2.00 " "	
25 bags and over.....	1.75 " "	

Driconure (Fine Ground Peat Moss and Manure)

50# to bag—about 3½ bu.

	Our Selling Price	Suggested Retail Price
1 to 4 bags.....	2.00 per bag	} 3.00 per bag
5 to 9 ".....	1.90 " "	
10 to 24 ".....	1.75 " "	
25 bags and over.....	1.50 " "	

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